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1. ~~W. M. M. Pany~~  
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SANDY URBAN COUNCIL

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# ANNUAL REPORT

FOR

1961

OF THE

Medical Officer of Health

AND

Surveyor and Public Health Inspector

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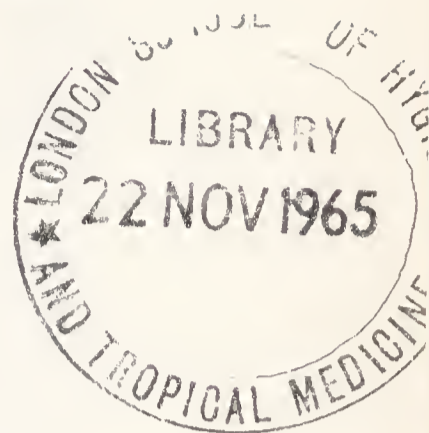
*The Lion Press, Sandy*

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# ANNUAL REPORT FOR 1961

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*To the Chairman and Members of  
the Sandy Urban District Council*



Mr. Chairman and Councillors,

I have the honour to present the Annual Report upon the health, vital statistics and sanitary conditions in respect of the Sandy Urban District for 1961.

The vital statistics are very satisfactory, although the infant mortality rate is rather high this year. In a small district however, this is of less significance than the general level of mortality which has occurred over the last ten years; this works out at an average of 16.8 and is lower than the national average.

The number of male deaths under the age of 65 is high, and as will be seen from the table enclosed, the commonest cause of death in this age group, was cancer of the lung. This underlines the recent reports of the relationship between this disease and cigarette smoking.

The only infectious disease which was at all common during the year was Measles; a disease which at present there is little we can do to control.

Two sanitary matters affecting the district were considered during the year. First, there was an objectional odour coming from a local fertilizer factory and a considerable number of visits were made to investigate this and some progress was made in minimising the smell. Efforts in this direction are continuing.

The other matter was in relation to the pollution of the River Ivel. I took some samples from the river during the summer following a report from a local doctor that children had picked up an infection while bathing there and the bacteriological reports indicated that the water was highly polluted and I advised that it was not safe for bathing.

Control over the pollution of the river is a matter for the Great Ouse River Board who are empowered to enforce a minimum standard for effluent entering the river. The standards at present in use, are those laid down by the Royal Commission, (1912) which is based upon the oxygen demand and suspended solids. Unfortunately, the degree of pollution of rivers in this country is considerable and these standards are very low and even when fully complied with, they do not really ensure that rivers are fit for bathing in.

The chief source of pollution is effluent from public sewerage works and the most effective way of improving the cleanliness of the river would be to improve the method of dealing with these effluents. The Board's chemist tells me that some success has been obtained in experiments with sand filtration or lagooning of effluent, but I do not think this is at the moment, practicable.

This is one aspect of the large problem of waste disposal in a highly populated country and I think that some radical re-thinking is necessary on the whole subject. The replacement of the old earth closet and midden has removed one nuisance but water-born sewerage systems which replaced them have now produced other problems. It is, at the moment, overshadowed by the more acute problem of river pollution by industrial wastes, not fortunately, a serious problem locally, but one which will have to be solved before we can tackle the problem of raising present standards, for the less serious problem of non-industrial effluents. In the meantime, we have to pay the price for the convenience of having our houses properly drained by refraining from bathing in the rivers except in the remoter areas of the country.

In conclusion, I would like to thank the members of the Council and Council staff for their help and co-operation during the year.

I am,

Your obedient servant,

H. S. BURY,

Medical Officer of Health.

## GENERAL STATISTICS

|   |     |     |     |     |         |
|---|-----|-----|-----|-----|---------|
| Area (in acres)                                 | ... | ... | ... | ... | 4362    |
| Registrar-General's Estimate of Home Population | ... | ... | ... | ... | 3940    |
| Number of inhabited houses at the end of 1961   | ... | ... | ... | ... | 1243    |
| Rateable Value                                  | ... | ... | ... | ... | £41,765 |
| Sum represented by a penny rate                 | ... | ... | ... | ... | £168    |

## VITAL STATISTICS FOR THE YEAR

### LIVE BIRTHS

|              |     | Males | Females | Total |
|--------------|-----|-------|---------|-------|
| Legitimate   | ... | 29    | 30      | 59    |
| Illegitimate | ... | —     | 1       | 1     |
|              |     | —     | —       | —     |
|              |     | 29    | 31      | 60    |

|  |      |
|--|------|
| Crude Birth Rate per 1000 home population    | 15.2 |
| Adjusted Birth Rate per 1000 home population | 15.5 |
| Birth Rate for England and Wales             | 17.1 |

### STILL BIRTHS

|  |     | Males | Females | Total |
|--|-----|-------|---------|-------|
| Legitimate                             | ... | 0     | 1       | 1     |
| Illegitimate                           | ... | 0     | 0       | 0     |
| Still Birth Rate per 1000 total births |     |       |         | 16.4  |
| Still Birth Rate for England and Wales |     |       |         | 18.7  |

### DEATHS

|  |     | Males | Females | Total |
|--|-----|-------|---------|-------|
| All causes                                   | ... | 25    | 15      | 40    |
| Crude Death Rate per 1000 home population    |     |       |         | 10.2  |
| Area Comparability Factor                    |     |       |         | 0.98  |
| Adjusted Death Rate per 1000 home population |     |       |         | 9.9   |
| Death Rate for England and Wales             |     |       |         | 12.0  |

Maternal Mortality—*Nil*

### DEATHS OF INFANTS UNDER ONE YEAR OF AGE

|   |     | Males | Females | Total |
|---|-----|-------|---------|-------|
| Legitimate                                | ... | 1     | 1       | 2     |
| Illegitimate                              | ... | 0     | 0       | 0     |
| Rate for all infants per 1000 live births |     |       |         | 33.3  |
| Rate for England and Wales                |     |       |         | 21.4  |

|   |      |
|---|------|
| Neo-natal Mortality Rate (deaths under 4 weeks per 1000 total live births) ... ..                           | 33.3 |
| Early Neo-natal Mortality Rate (deaths under 1 week per 1000 total live births) ... ..                      | 16.3 |
| Perinatal Mortality Rate (Stillbirths and deaths under 1 week combined per 1000 total live and stillbirths) | 33.3 |

### CAUSES OF DEATH

The following table shows causes of death as given in the Registrar-General's statistics.

| Causes                                     | Under 16 years |     | 16—65 |     | Over 65 |     | Total |
|--|----------------|-----|-------|-----|---------|-----|-------|
|  | M              | F   | M     | F   | M       | F   |       |
| 1. Tuberculosis, respiratory               | ...            | ... | ...   | ... | ...     | ... | ...   |
| 2. Tuberculosis, other                     | ...            | ... | ...   | ... | ...     | ... | ...   |
| 3. Syphilitic disease                      | ...            | ... | ...   | ... | ...     | ... | ...   |
| 4. Diphtheria                              | ...            | ... | ...   | ... | ...     | ... | ...   |
| 5. Whooping Cough                          | ...            | ... | ...   | ... | ...     | ... | ...   |
| 6. Meningococcal infections                | ...            | ... | ...   | ... | ...     | ... | ...   |
| 7. Acute poliomyelitis                     | ...            | ... | ...   | ... | ...     | ..  | ...   |
| 8. Measles                                 | ...            | ... | ...   | ... | ...     | ... | ...   |
| 9. Other infective and parasitic diseases  | ...            | ... | ...   | ... | ...     | ... | ...   |
| 10. Malignant neoplasm, stomach            | ...            | ... | ...   | ... | 2       | ... | 2     |
| 11. Malignant neoplasm, lungs, bronchus    | ...            | ... | 4     | ... | ...     | ... | 4     |
| 12. Malignant neoplasm, breast             | ...            | ... | ...   | ... | ...     | ... | ...   |
| 13. Malignant neoplasm, uterus             | ...            | ... | ...   | ... | ...     | ... | ...   |
| 14. Other malignant & lymphatic neoplas    | ...            | ... | 1     | 1   | ...     | ... | 2     |
| 15. Leukæmia, aleukæmia                    | ...            | ... | 1     | ... | ...     | ... | 1     |
| 16. Diabetes                               | ...            | ... | ...   | ... | ...     | ... | ...   |
| 17. Vascular lesions of nervous system     | ...            | ... | 1     | 1   | 1       | 2   | 5     |
| 18. Coronary disease, angina               | ...            | ... | 1     | ... | 2       | 2   | 5     |
| 19. Hypertension with heart disease        | ...            | ... | ...   | ... | ...     | 3   | 3     |
| 20. Other heart disease                    | ...            | ... | ...   | ... | 1       | 3   | 4     |
| 21. Other circulatory disease              | ...            | ... | 1     | 1   | ...     | ... | 2     |
| 22. Influenza                              | ...            | ... | ...   | ... | ...     | ... | ...   |
| 23. Pneumonia                              | ...            | ... | ...   | ... | 1       | 1   | 2     |
| 24. Bronchitis                             | ...            | ... | ...   | ... | 2       | ... | 2     |
| 25. Other diseases of respiratory system   | ...            | ... | ...   | ... | ...     | ... | ...   |
| 26. Ulcer of stomach and duodenum          | ...            | ... | ...   | ... | ...     | ... | ...   |
| 27. Gastritis, enteritis and diarrhoea     | ...            | ... | ...   | ... | ...     | ... | ...   |
| 28. Nephritis and nephrosis                | ...            | ... | ...   | ... | ...     | ... | ...   |
| 29. Hyperplasia of prostate                | ...            | ... | ...   | ... | ...     | ... | ...   |
| 30. Pregnancy, childbirth, abortion        | ...            | ..  | ...   | ... | ...     | ... | ...   |
| 31. Congenital malformations               | ..             | 1   | ...   | ... | ...     | ... | 1     |
| 32. Other defined and ill-defined diseases | 1              | ... | 1     | ... | 3       | ... | 5     |
| 33. Motor vehicle accidents ...            | ...            | ... | ...   | ... | ...     | ... | ...   |
| 34. All other accidents                    | ...            | ... | ...   | ... | 1       | ... | 1     |
| 35. Suicide                                | ...            | ... | 1     | ... | ...     | ... | 1     |
| 36. Homicide and operations of war         | ...            | ... | ...   | ... | ...     | ... | ...   |
| Totals                                     | 1              | 1   | 11    | 3   | 13      | 11  | 40    |

### CAUSES OF DEATH IN INFANCY

Prematurity ... 1                      Congenital abnormality ... 1

**STATISTICAL TABLE, 1952-1961**

| Year | Death Rate |                 | Infant Mortality Rate |                 | Birth Rate |                 |
|------|------------|-----------------|-----------------------|-----------------|------------|-----------------|
|      | Sandy U.D. | England & Wales | Sandy U.D.            | England & Wales | Sandy U.D. | England & Wales |
| 1952 | 10.8       | 11.3            | —                     | 27.6            | 11.5       | 15.3            |
| 1953 | 8.5        | 11.4            | 15.9                  | 26.8            | 16.8       | 15.5            |
| 1954 | 8.7        | 11.3            | 15.9                  | 25.5            | 16.8       | 15.2            |
| 1955 | 10.6       | 11.7            | 16.7                  | 24.9            | 16.0       | 15.0            |
| 1956 | 9.0        | 11.7            | 14.7                  | 23.8            | 18.1       | 15.7            |
| 1957 | 13.1       | 11.5            | 24.4                  | 23.0            | 10.8       | 16.1            |
| 1958 | 9.0        | 11.7            | 13.5                  | 22.5            | 19.7       | 16.9            |
| 1959 | 11.7       | 11.6            | 18.5                  | 22.0            | 14.2       | 16.5            |
| 1960 | 14.2       | 11.5            | 15.2                  | 21.7            | 17.0       | 17.1            |
| 1961 | 9.9        | 12.0            | 33.3                  | 21.4            | 15.5       | 17.1            |

### GENERAL PROVISIONS OF HEALTH SERVICES

#### Public Health Officers—

Medical Officer of Health—  
Dr. H. S. Bury, M.R.C.S., L.R.C.P., D.P.H.

Surveyor and Public Health Inspector—  
R. W. Settle, A.I.A.S., M.R.S.H.

#### Laboratory Facilities

The services of the Public Health Laboratory, General Hospital, Kimbolton Road, Bedford, is available for the examination of any material submitted by the Health Department or by General Practitioners. This service is under the direction of the Medical Research Council through the Ministry of Health, and there is no charge to the Council. The Laboratory undertakes the examination of throat swabs, sputum, urine and fæces, and blood from cases of suspected infectious disease, and advice and assistance is always available.

#### Services provided by the County Council under the National Health Service Act, 1946

##### 1. Ambulance

The Bedfordshire County Council provides a complete service covering the whole of the County. The service is a twenty-four hour one and is free of charge, and is available for the removal of cases requiring admission to hospital and also for the transport of patients who are unable to use other means of transport to and from Hospitals or Clinics, so that they can receive any necessary treatment. The request for the provision of an ambulance must be made by a General Practitioner or by an Authorised Person.

The service is also available for the transport of persons suffering from infectious disease to isolation hospital.

The following depots are situated in the eastern and northern districts of the County :

Biggleswade...Crab Lane ... Tel.—Biggleswade 2295

Bedford ... Bedford Road,

Kempston ... Tel.—Bedford 5335 & 5336

## **2. Midwifery and Domicilliary Nursing**

*Name and Address of Nurse—*

Miss A. Pearson, 68 St. Neots Road, Sandy. Beds.

*Tel. No.—*Sandy 105

## **3. Health Visiting**

*Name and Address of Health Visitor—*

Miss M. C. Ramsey, 30 Bedford Road, Sandy, Beds.

## **4. Clinic      Child Welfare**

Church Room, Sandy—Every alternate Thursday afternoon.

General Provision of Health and Medical Services in the Area provided by the North Western Metropolitan Regional Hospital Board

### **GENERAL HOSPITALS**

Bedford Gen. Hospital, South Wing, Kempston Road, Bedford

Bedford Gen. Hospital, North Wing, Kimbolton Road, Bedford

North Herts. & South Beds. Hospital, Hitchin, Herts.

Lister Hospital, Hitchin, Herts.

### **GERIATRIC HOSPITALS**

Bedford Gen. Hospital, North Wing, Kimbolton Road, Bedford

Clapham Hospital, near Bedford

Biggleswade Hospital, Potton Road, Biggleswade

### **MATERNITY HOSPITALS**

Bedford Gen. Hospital, North Wing, Kimbolton Road, Bedford

Lister Hospital, Hitchin, Herts.

### **INFECTIOUS DISEASE**

Spittlesea Isolation Hospital, Luton

### **PSYCHIATRIC**

Three Counties Hospital, Arlesey

### **MENTALLY SUB-NORMAL**

Bromham Hospital, near Bedford

### **CHEST CLINIC (For Pulmonary Tuberculosis)**

Bedford Gen. Hospital, North Wing, Kimbolton Road, Bedford

### **VENEREAL DISEASE CLINIC**

Bedford Gen. Hospital, South Wing, Kempston Road, Bedford

### **MINIATURE RADIOGRAPHY**

Biggleswade (The Lawns) Tuesdays 11.15 to 11.45 a.m.

## PHYSIOTHERAPY CLINIC

Biggleswade (The Lawns) Monday, Wednesday and Friday  
afternoons

## BACTERIOLOGICAL LABORATORY

Bedford Gen. Hospital, North Wing, Kimbolton Road, Bedford

## SANITARY CIRCUMSTANCES OF THE AREA

### Water Supply

Water is supplied to the area by the Biggleswade Water Board and has proved very satisfactory in quality and quantity. Samples have been taken periodically during the year and the results have shown that the supply is of the highest standard of organic and bacterial purity. It is not plumbo-solvent. The following report by the Counties Public Health Laboratories of a sample sent for examination is typical.

### Chemical Results in parts per Million

|  |       |       |       |                        |
|--|-------|-------|-------|------------------------|
| Appearance—Bright, with very few particles |       |       |       |                        |
| Turbidity                                  | ..... | ..... | ..... | Less than 3            |
| Colour                                     | ..... | ..... | ..... | Nil                    |
| Odour                                      | ..... | ..... | ..... | Very slight chlorinous |
| Reaction pH                                | ..... | ..... | ..... | 7.3                    |
| Free Carbon Dioxide                        | ..... | ..... | ..... | 20                     |
| Electric Conductivity                      | ..... | ..... | ..... | 390                    |
| Total Solids                               | ..... | ..... | ..... | 270                    |
| Chlorine present as Chloride               | ..... | ..... | ..... | 14                     |
| Alkalinity as Calcium Carbonate            | ..... | ..... | ..... | 200                    |
| Hardness—Total                             | ..... | ..... | ..... | 210                    |
| Carbonate                                  | ..... | ..... | ..... | 200                    |
| Non-Carbonate                              | ..... | ..... | ..... | 10                     |
| Nitrate Nitrogen                           | ..... | ..... | ..... | 0.0                    |
| Nitrite Nitrogen                           | ..... | ..... | ..... | Absent                 |
| Ammoniacal Nitrogen*                       | ..... | ..... | ..... | 0.000                  |
| Albuminoid Nitrogen*                       | ..... | ..... | ..... | 0.000                  |
| Metals—Iron                                | ..... | ..... | ..... | 0.04                   |
| Other Metals                               | ..... | ..... | ..... | Absent                 |
| Oxygen absorbed                            | ..... | ..... | ..... | 0.05                   |
| Residual Chlorine                          | ..... | ..... | ..... | 0.17                   |

\*To convert to Ammonia multiply by 1.21

### Bacteriological Results

#### Number of Colonies developing on Agar

|                      |       |       |       |           |
|----------------------|-------|-------|-------|-----------|
| 1 day at 37 degs. C  | ..... | ..... | ..... | 0 per ml. |
| 2 days at 37 degs. C | ..... | ..... | ..... | 0 "       |
| 3 days at 20 degs. C | ..... | ..... | ..... | 0 "       |

|                           | Present in | Absent from | Probable Number |
|---------------------------|------------|-------------|-----------------|
| Presumptive coli-ærogenes |            |             |                 |
| reaction                  | ..... —ml. | 100 ml.     | 0 per 100 ml.   |
| Bact. coli (type 1)       | ..... —ml. | 100 ml.     | 0 per 100 ml.   |
| Cl. welchii reaction      | ..... —ml. | 100 ml.     |                 |

This sample is practically clear and bright in appearance, neutral in reaction and free from metals apart from a negligible trace of iron. The water is hard in character but not unduly so, contains no excess of mineral constituents and it is of very satisfactory organic quality.

From the aspect of the chemical analysis these results are indicative of a pure and wholesome water suitable for public supply purposes.

### Distribution of Water

All houses are supplied with mains water.

## INFECTIOUS DISEASES OTHER THAN TUBERCULOSIS

### (a) General Statistics

The following table shows the number of cases of infectious diseases notified during the year, together with the number of cases admitted to hospital and the deaths from these diseases.

#### Diseases (other than Tuberculosis) notified during the year 1961

| Disease                | Total<br>Cases<br>notified | Cases<br>admitted to<br>Hospital | Total<br>deaths<br>registered |
|------------------------|----------------------------|----------------------------------|-------------------------------|
| Erysipelas ... ..      | 1                          | ...                              | ...                           |
| Scarlet Fever ... ..   | 3                          | ...                              | ...                           |
| Measles ... ..         | 17                         | ...                              | ...                           |
| Acute Pneumonia ... .. | 9                          | ...                              | ...                           |

Analysis of Cases of Infectious Diseases notified during the year ended 31st December, 1961.

| Disease         | Under 1 year |     | 1—3 |     | 3—5 |     | 5—10 |     | 10—15 |     | 15—25 |     | 25—35 |     | 35—45 |     | 45—65 |     | 65 and upwards |     | Total all ages |
|-----------------|--------------|-----|-----|-----|-----|-----|------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|----------------|-----|----------------|
|                 | M            | F   | M   | F   | M   | F   | M    | F   | M     | F   | M     | F   | M     | F   | M     | F   | M     | F   | M              | F   |                |
| Scarlet Fever   | ...          | ... | ... | ... | ... | ... | 1    | 2   | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...            | ... | 3              |
| Measles         | ...          | ... | 1   | 3   | 2   | 1   | 6    | 3   | ...   | 1   | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...            | ... | 17             |
| Acute Pneumonia | ...          | ... | ... | ... | ... | 1   | ...  | ... | ...   | ... | 1     | ... | ...   | ... | ...   | 2   | 1     | 1   | 3              | ... | 9              |
| Erysipelas      | ...          | ... | ... | ... | ... | ... | ...  | ... | ...   | ... | ...   | ... | ...   | 1   | ...   | ... | ...   | ... | ...            | ... | 1              |

## Cleansing of Verminous People. Scabies Order, 1941

Treatment for infected persons is available at the Borough Treatment Centre, Bedford, by arrangement with the Borough of Bedford. No persons received treatment during the year.

## Vaccination and Immunisation

It is now possible to protect persons against an increasing number of infections by the use of vaccines and toxoids. The Bedfordshire County Council is responsible for the provision of this service which is given direct at clinics or through the General Medical Practitioners. Diphtheria, Whooping Cough, Tetanus, Poliomyelitis, Smallpox and Tuberculosis are the diseases dealt with. The tables presented below are supplied by the Divisional Medical Officer and indicate the work carried out in the district during the year.

### Diphtheria Only

| <i>Age Groups</i>  | Under 1 | 1—4 | 5—9 | 10—15 | Totals |
|--------------------|---------|-----|-----|-------|--------|
| Primary injections | —       | 2   | 12  | 8     | 22     |
| Booster injections | —       | 5   | 50  | 31    | 86     |

### Diphtheria and Whooping Cough Combined

| <i>Age Groups</i>  | Under 1 | 1—4 | 5—9 | 10—15 | Totals |
|--------------------|---------|-----|-----|-------|--------|
| Primary injections | 30      | 14  | 1   | 1     | 46     |
| Booster injections | —       | —   | 5   | 2     | 7      |

### Diphtheria, Whooping Cough and Tetanus

| <i>Age Groups</i>  | Under 1 | 1—4 | 5—9 | 10—15 | Totals |
|--------------------|---------|-----|-----|-------|--------|
| Primary injections | 6       | —   | 1   | —     | 7      |

## Smallpox Vaccination Carried Out during the Year

| <i>Age Groups</i>    | Under<br>1 | 1   | 2-4 | 5-14 | 15 and<br>over | Totals |
|----------------------|------------|-----|-----|------|----------------|--------|
| Primary vaccinations | 8          | 4   | 1   | 1    | 10             | 24     |
| Re-vaccinations      | ...        | ... | ... | 1    | 6              | 7      |

## Poliomyelitis Vaccination

During the year the following injections against Poliomyelitis were carried out in the North Eastern Division :

|  |     |       |
|--|-----|-------|
| Number who had the first two injections                                      | ... | 4,775 |
| Number who had the third injection ...                                       | ... | 6,068 |
| Number of children in the age group 7-11 years<br>who had a fourth injection | ... | 5,634 |

## B.C.G. Vaccination against Tuberculosis

B C.G. Vaccination against Tuberculosis is now available to senior schoolchildren and students and the following table shows the work carried out in the North Eastern Division during the year :

|  |     |     |     |     |
|--|-----|-----|-----|-----|
| Number skin tested                                       | ... | ... | ... | 826 |
| Number found positive                                    | ... | ... | ... | 89  |
| Number found negative and vaccinated                     | ... | ... | ... | 710 |
| Number of absentees carried forward to<br>following year | ... | ... | ... | 27  |

## TUBERCULOSIS

The following table shows the number of new cases of tuberculosis notified and the number of deaths for the years 1947 to 1961.

|      | New Cases |     |              |     |       | Deaths    |     |              |     |       |
|------|-----------|-----|--------------|-----|-------|-----------|-----|--------------|-----|-------|
|      | Pulmonary |     | Non-Pulmon'y |     | Total | Pulmonary |     | Non-Pulmon'y |     | Total |
|      | M         | F   | M            | F   |       | M         | F   | M            | F   |       |
| 1947 | 1         | 1   | ...          | ... | 2     | ...       | ... | ...          | ... | ...   |
| 1948 | 1         | ... | 1            | 1   | 3     | ...       | ... | ...          | ... | ...   |
| 1949 | 2         | 4   | ...          | 1   | 7     | 1         | 1   | ...          | ... | 2     |
| 1950 | ...       | 1   | ...          | 1   | 2     | ...       | ... | ...          | ... | ...   |
| 1951 | 1         | 2   | ...          | 1   | 4     | ...       | ... | ...          | ... | ...   |
| 1952 | 2         | ... | ...          | ... | 2     | ...       | ... | ...          | ... | ...   |
| 1953 | 1         | ... | ...          | ... | 1     | 1         | ... | ...          | ... | 1     |
| 1954 | ...       | 1   | ...          | 1   | 2     | ...       | ... | ...          | ... | ...   |
| 1955 | 1         | ... | 1            | ... | 2     | ...       | ... | ...          | ... | ...   |
| 1956 | ...       | 1   | ...          | 1   | 2     | ...       | ... | ...          | ... | ...   |
| 1957 | 1         | ... | ...          | ... | 1     | ...       | ... | ...          | ... | ...   |
| 1958 | ...       | ... | ...          | ... | ...   | ...       | ... | ...          | ... | ...   |
| 1959 | ...       | ... | ...          | ... | ...   | ...       | 1   | ...          | ... | 1     |
| 1960 | 1         | 1   | 1            | ... | 3     | ...       | ... | ...          | ... | ...   |
| 1961 | ...       | ... | ...          | ... | ...   | ...       | ... | ...          | ... | ...   |

During the year the Mass Radiography Unit visited Sandy and a total of 455 persons were examined. No new cases were discovered.

The Mobile Chest X-Ray Unit now visits Biggleswade regularly to provide a service for local medical practitioners. It is stationed at "The Lawns" every Tuesday morning, between 11.15 a.m. and 11.45 a.m.

# REPORT OF THE PUBLIC HEALTH INSPECTOR AND SURVEYOR FOR THE YEAR 1961

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present my Annual Report.

## 1. Drainage and Sewerage

The town is sewered along all the main streets and roads. Swaden, Stratford Road, Station Road, Ivel Road, Tempsford Road, Beeston Green and Seddington are not sewered.

## 2. Rivers and Streams

The Ivel Internal Drainage Board undertake the cleaning of all streams.

## 3. Houses connected to Sewer, etc.

1,166 Houses connected to sewer. 106 Houses with water closets connected to septic tanks. 54 Houses with pails.

### Conversions from Pails to Water Closets

|  |     |     |
|--|-----|-----|
| Total number of conversions since 1945 | ... | 142 |
|--|-----|-----|

## 4. Public Cleansing

The collection of household refuse and the emptying of pails is carried out by the Council's workmen in a ten cubic yard Karrier. The Karrier is supplemented by the tractor and trailer when necessary. The work is generally satisfactory. The emptying of cesspools is carried out by contract.

The following is a summary of the work carried out during the year :

|  |     |     |        |
|--|-----|-----|--------|
| Total number of visits made            | ... | ... | 77,657 |
| Ashbins emptied                        | ... | ... | 72,800 |
| Cesspools                              | ... | ... | 15     |
| Pail closets emptied                   | ... | ... | 4842   |
| Loads of refuse and night soil removed | ... | ... | 776    |

Street Gullies are emptied regularly and street scavenging is done at regular intervals.

## 5. Public Health Inspection

The following inspections were made and nuisances abated or defects remedied by informal action :

|  |     |      |
|--|-----|------|
| Housing defects (including Council Houses) | ... | 1234 |
| Unfit Houses                               | ... | NIL  |
| Water Wastage                              | ... | 2    |

|   |     |
|---|-----|
| Routine Inspections ... ..  | 620 |
| (not including Council Houses)  |     |
| Number of Dwelling Houses in respect of which<br>Demolition Orders were made ... .. | NIL |
| Number of Dwelling Houses demolished in<br>pursuance of Demolition Orders ... ..    | NIL |

## 6. Shops

No action with regard to shops was found necessary.

## 7. Factories and Workshops

There are 39 Factories and Workshops on the Register and 165 visits have been made.

|                                  |      |                                    |   |
|----------------------------------|------|------------------------------------|---|
| Builders .....                   | } 10 | Electrician .....                  | 1 |
| Joiners .....                    |      | Millers .....                      | 3 |
| Painters .....                   |      | Motor Engineers .....              | 5 |
| Plumbers .....                   |      | Printers .....                     | 2 |
| Bakers .....                     | 2    | Saddlers .....                     | 1 |
| Boot Repairers .....             | 2    | Stone Mason .....                  | 1 |
| Cycle Repairers .....            | 2    | Coach Builder .....                | 1 |
| Gas Works .....                  | 1    | Clothing Factory .....             | 1 |
| Packing Vegetable<br>Goods ..... | 1    | Scaffolding and<br>Form Work ..... | 1 |
| Animal Feeding<br>Stuffs .....   | 1    | Cafes .....                        | 4 |

## Administration of the Factories Acts, 1937 and 1948

### Part I of Act

### INSPECTIONS

| Premises<br>(1)   | Number<br>on<br>Register<br>(2) | Inspections<br>(3) | Number of<br>Written<br>Notices<br>(4) | Occupiers<br>Prosecuted<br>(5) |
|---|---------------------------------|--------------------|--|--------------------------------|
| (1) Factories in which Sections 1,<br>2, 3, 4, and 6 are to be enforced<br>by Local Authorities ... ..                    | 39                              | 150                | ...                                    | ...                            |
| (2) Factories not included in (1)<br>in which Section 7 is enforced<br>by Local Authority ... ..                          |                                 |                    |  |                                |
| (3) Other Premises in which<br>Section 7 is enforced by the<br>Local Authority (excluding<br>outworkers' premises) ... .. | ...                             | ...                | ...                                    | ...                            |
| Total ... ..  | 39                              | 150                | ...                                    | ...                            |

### Cases in which Defects were found

| Particulars<br>(1)  | Number of cases in which defects were found |                 |                                   |                                   | Number of cases in which prosecution were instituted<br>(6) |
|---|---|-----------------|-----------------------------------|-----------------------------------|---|
|   | Found<br>(2)                                | Remedied<br>(3) | Referred to H.M. Inspector<br>(4) | Referred by H.M. Inspector<br>(5) |   |
| Want of cleanliness [s.1]   | ...   | ...             | ...                               | ...                               | ...   |
| Overcrowding [s.2]  | ...   | ...             | ...                               | ...                               | ...   |
| Unreasonable temperature [s.3]  | ...   | ...             | ...                               | ...                               | ...   |
| Inadequate ventilation [s.4]  | ...   | ...             | ...                               | ...                               | ...   |
| Ineffective drainage of floors [s.6]  | ...   | ...             | ...                               | ...                               | ...   |
| Sanitary Conveniences: [s.7]  |   |                 |                                   |                                   |   |
| (a) Insufficient ...  | ...   | ...             | ...                               | ...                               | ...   |
| (b) Unsuitable or def'tive  | ...   | ...             | ...                               | ...                               | ...   |
| (c) Not separate for sexes  | ...   | ...             | ...                               | ...                               | ...   |
| Other Offences against the Act (not including offences relating to outwork) ... | ...   | ...             | ...                               | ...                               | ...   |
| Total ...   | ...   | ...             | ...                               | ...                               | ...   |

### Part VIII of the Act

#### OUTWORK

| Nature of Work<br>(1)       | Section 110  |  |  | Section 111   |                       |                     |
|-----------------------------|--|--|--|---|-----------------------|---------------------|
|                             | No. of outworkers in August list required by Sec. 110, 1c<br>(2) | No. of cases of default in sending lists to Council<br>(3) | No. of prosecutions for failure to supply lists<br>(4) | No. of instances of work in unwholesome premises<br>(5) | Notices served<br>(6) | Prosecutions<br>(7) |
| Wearing apparel making, etc | 4  | ...  | ...  | ...   | ...                   | ...                 |

### Inspection and Supervision of Food

#### (a) Milk Supply

3 Persons are registered under the Milk and Dairies Order,  
3 Retail Purveyors only.

#### (b) Meat and Other Foods

There are no slaughter houses in the Urban District.

Shops, vehicles and places where food is prepared have been duly inspected and found to be in good order.

Voluntary surrender of the undermentioned foodstuffs found to be unfit for human consumption has been made.

|                             |       |       |         |
|-----------------------------|-------|-------|---------|
| Canned Fruit and Vegetables | ----  | ..... | 3 cans  |
| Canned Meat                 | ..... | ..... | 3 cans  |
| Vegetables                  | ..... | ..... | 54 lbs. |

### (c) Ice Cream

Thirteen premises are registered for the sale of Ice Cream. It is purchased from reputable manufacturers. Ice cream is not manufactured in the Urban District.

### Sewage Disposal Works

There are now 1,166 houses connected to the sewer. The majority of the houses along the High Road have now been connected up to the sewer. The sewage from The Baulk and the High Road is forced over the River Ivel by means of two electric motors, automatic float control and squirrel cage type pumps situated in The Baulk.

The motors and pumps have given excellent results, and require the minimum of attention.

The sewage arrives at the works 13' 3" below ground level, and forced to the Continuous Flow Tanks by two Mirlees-Watson Electric Motors and centrifugal pumps. The motors have given an excellent performance. They are automatic and controlled by electrodes.

Several samples of the effluent were taken during the year and submitted to the Counties Public Health Laboratories for examination, the analysis of which proved satisfactory.

Number of visits made to Sewage Works approx. 450. The Works are satisfactory for the present requirements.

### Summary of Electricity Consumed

|           | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 |
|-----------|------|------|------|------|------|------|------|------|
| January   | 1021 | 1230 | 1387 | 1006 | 1122 | 1528 | 1129 | 1930 |
| February  | 1051 | 1013 | 999  | 1120 | 1054 | 1007 | 1236 | 1617 |
| March     | 1109 | 1072 | 1173 | 1075 | 1100 | 1254 | 1241 | 1610 |
| April     | 1008 | 1034 | 1013 | 901  | 959  | 1048 | 1114 | 1567 |
| May       | 1105 | 1275 | 1069 | 1003 | 975  | 1058 | 1139 | 1432 |
| June      | 1045 | 1214 | 1252 | 884  | 1280 | 994  | 1198 | 1268 |
| July      | 969  | 1063 | 1066 | 994  | 1258 | 1200 | 1196 | 1298 |
| August    | 1183 | 1068 | 1095 | 920  | 1010 | 1139 | 1309 | 1314 |
| September | 974  | 989  | 1085 | 944  | 1015 | 901  | 1425 | 1378 |
| October   | 959  | 1099 | 1154 | 946  | 1056 | 992  | 1719 | 1458 |
| November  | 1102 | 1157 | 920  | 933  | 1037 | 953  | 1960 | 1364 |
| December  | 1206 | 1123 | 1039 | 1033 | 1142 | 1219 | 2256 | 1499 |

## Rainfall

|                | Total  | Greatest Rainfall in 24 hours |          | No. of days with |             |
|----------------|--------|-------------------------------|----------|------------------|-------------|
|                |        | Inches                        | Date     | .01 or over      | .04 or over |
| January .....  | 1.70   | .26                           | 28       | 16               | 11          |
| February ..... | 1.95   | .41                           | 27       | 14               | 13          |
| March .....    | .09    | .05                           | 31       | 2                | 2           |
| April.....     | 2.005  | .28                           | 1        | 17               | 15          |
| May .....      | .57    | .26                           | 4        | 7                | 5           |
| June .....     | 1.13   | .82                           | 12       | 7                | 4           |
| July .....     | .98    | .32                           | 12       | 6                | 6           |
| August.....    | 2.29   | .60                           | 11       | 16               | 11          |
| September ...  | 1.93   | .73                           | 13       | 11               | 10          |
| October .....  | 2.14   | .32                           | 19, 4, 7 | 17               | 13          |
| November ...   | 1.48   | .56                           | 10       | 11               | 7           |
| December ...   | 2.52   | .67                           | 1        | 13               | 10          |
|                | 18.785 |                               |          | 137              | 107         |

## Council Houses Painted

|             |              |              |
|-------------|--------------|--------------|
| 1947 ... 69 | 1952 ... NIL | 1957 ... 89  |
| 1948 ... 48 | 1953 ... 83  | 1958 ... 70  |
| 1949 ... 91 | 1954 ... 79  | 1959 ... 86  |
| 1950 ... 65 | 1955 ... 81  | 1960 ... 108 |
| 1951 ... 81 | 1956 ... 81  | 1961 ... 105 |

## Number of Houses owned by the Council

|                                     |              |
|-------------------------------------|--------------|
| 1945 ... 225                        | 1953 ... 406 |
| 1946 ... 235 (10 pre-fab bungalows) | 1954 ... 406 |
| 1947 ... 243                        | 1955 ... 406 |
| 1948 ... 301                        | 1956 ... 412 |
| 1949 ... 330                        | 1957 ... 412 |
| 1950 ... 340                        | 1958 ... 424 |
| 1951 ... 356                        | 1959 ... 450 |
| 1956 ... 376                        | 1960 ... 462 |
|                                     | 1961 ... 478 |

## Number of Houses erected since 1945

|                   | Local     |         |                  | Local     |         |
|-------------------|-----------|---------|------------------|-----------|---------|
|                   | Authority | Private |                  | Authority | Private |
| 1946 ...          | 10        | 2       | 1954 ...         | NIL       | 5       |
| (pre-fab b'lwos.) |           |         | 1955 ...         | NIL       | 4       |
| 1947 ...          | 8         | 2       | 1956 ...         | 6         | 1       |
| 1948 ...          | 58        | 3       | 1957 ...         | NIL       | 2       |
| 1949 ...          | 29        | 5       | 1958 ...         | 12        | 3       |
| 1950 ...          | 10        | 7       | 1959 ...         | 26        | 3       |
| 1951 ...          | 16        | 2       | (Cty. Council 2) |           |         |
| 1952 ...          | 20        | 8       | 1960 ...         | 12        | 7       |
| 1953 ...          | 30        | 6       | 1961 ...         | 16        | 8       |

### Plans submitted during the year

|  |     |     |     |    |
|--|-----|-----|-----|----|
| Outline Development                      | ... | ... | ... | 36 |
| Industrial Development                   | ... | ... | ... | 6  |
| Dwelling Houses                          | ... | ... | ... | 6  |
| Additions and Extensions                 | ... | ... | ... | 20 |
| Caravans                                 | ... | ... | ... | 1  |
| Garages                                  | ... | ... | ... | 2  |
| Advertisements                           | ... | ... | ... | 2  |
| Agricultural and Horticultural Buildings | ... | ... | ... | 2  |
| Shop Fronts                              | ... | ... | ... | 3  |
| Miscellaneous                            | ... | ... | ... | 4  |
| Change of Use                            | ... | ... | ... | 3  |
| T.V. Mast and Transmitting Station       | ... | ... | ... | 1  |
| Housing Estate containing 65 houses      | ... | ... | ... | 1  |

### Swimming Baths and Pools

There are no public swimming baths or pools in the district.

### New Streets and Sewers

|           |     |     |
|-----------|-----|-----|
| New Roads | ... | NIL |
| Sewers    | ... | NIL |

I would like to take this opportunity to express my thanks to the Chairman and Members of the Council for their consideration and support extended to me during the year, and to the Clerk to the Council, and the staff for their kind assistance and loyal co-operation.

I am, Ladies and Gentlemen,

Your obedient servant,

REG. W. SETTLE, A.I.A.S., M.R.S.H.,

*Surveyor.*